Other Products In The Range

Code	Description	
CODE-ME12	1 or 2 door controller with Ethernet connection	
CODE-MS12	1 or 2 door controller with Serial connection	
CODE-ME24	2 or 4 door controller with Ethernet connection	
CODE-MS24	2 or 4 door controller with Serial connection	
CODE-6800	5 Amp Power supply in Metal Box Enclosure	
CODE-FC02	Card Distributor	
CODE-MF01	Mifare Card	

CODE-2641 Series

Vandal Resistant Reader

USER MANUAL

code

ACCESS CONTROL

Product Specification

Packing List

Name	Qty	Note
CODE-2641	1	Vandal Reader
User manual	1	User Documentation
Screw driver	1	Φ20mm×60mm,Special for RF006
Rubber plug	2	Φ6mm×30 mm, used for fixing
Self tapping screws	2	Φ4mm×28 mm, used for fixing

Specification

Material	Metal
Operating Voltage	9-16V DC
Output	WG 26
Card type	Mifare
Reading Distance	2-4 cm
Communication Distance	60M
Idle Current	<80mA
Operating Temperature	-45ºC ~ 60ºC
Operating Humidity	10%- 90% RH
Waterproof	Conforms to IP68
Dimension	120X56X18 mm

Notes For Installation

A

For the reader cable connection to the CODE Controller, CAT 5 cable or 8 core twisted pair cable can be used.

B

The reader is normally installed at the right side of the door (outside) at a height of 1.4m from the floor and 3-5 cm from the door frame, with the exit button (inside) also at a height of 1.4m off the floor.

C

The reader should not be installed against a metal surface. If this can not be avoided, either the metal surface should be removed, with only the fixing area remaining, or an isolation material thicker than 10cm should be placed between the reader and the metal surface.

D

The Controller to reader length should not exceed 60 metres using CAT 5 cable

E

Please observe reader power polarity when connecting to the access controller

Reader Parameters

- Reader Radio Frequency: 13-56 MHz
- Card Identification Mode: MF card
- Sensing Distance: MF Card 2-4cm
- Reader Data Output: Wiegand 26 Bit
- Reading Speed: < 0.1s

Installation Procedure

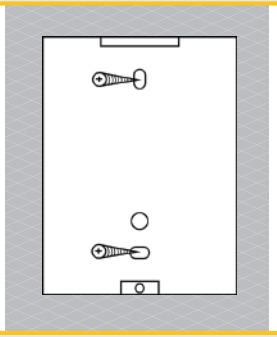
STEP 1

Remove the back cover from the keypad using the supplied special screw driver

STEP 2

Gently pull the metal back plate cover away from the main body of the reader.

STEP 3



- Drill 2 holes on the wall for the Self tapping screws and I hole for the cable
- Put the supplied rubber bungs to into the two holes
- Fix the back cover firmly on the wall with 2 Self tapping screws
- Thread the cable through the cable hole, connect the wire needed, wrap unused wire with insulating tape isolated to prevent short circuit
- Attach the keypad to the back cover.

Wiring Connections

Reader Wire	Colour	Controller Connection
LED	Blue	Connect with controller LED "BUZ" input on controller
BEEPER	Yellow	Connect with controller beeper
D0	Green	WG output line D0
D1	White	WG output line D1
+12V	Red	Power supply +12V
GND	Black	Power supply GND

*Note

To activate the sounder during the operation of the LED changing to Green, connect the Yellow Buzzer wire to "BUZ" on the controller.

Concept Pro

FAQ

What should I do?:

7.1

Card not recognised by reader

- Check whether the Data transmission connections of DATA 0 and DATA 1 are correct.
- Check that the distance between the controller and the reader is no longer than 60 metres (Wiegand 26 bit). If so, reduce the distance between the controller and the reader.
- Check the RD OK (Reader signal OK) LED ok goes green when an ID device is presented to the reader.
- Check the power on the reader power wires is within 10.5v DC and 12.5v DC.

7.2

If the lock does not operate.

- Check whether the connections of the readers, exit buttons and electric locks are wired correctly.
- Check if the output of the relay switches and the relay operation LED switches on.
- Check if the power is being switched to the lock.
- If there is no switching of the relay, then check the reader and the wiring.
- Check the access software programming.

7.3

If the Reader does not operate after a power down.

- Please perform a controller download from the CODE Access Software